

10-21-05

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 (571) 273-2885

or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

22922 7590 07/19/2005

REINHART BOERNER VAN DEUREN S.C.  
 ATTN: LINDA GABRIEL, DOCKET COORDINATOR  
 1000 NORTH WATER STREET  
 SUITE 2100  
 MILWAUKEE, WI 53202

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

EV531801946US

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Rodney D. DeKruif

(Depositor's name)

*Rodney DeKruif*

(Signature)

October 18, 2005

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/680,639	10/07/2003	David C. Dunand	6513-DIV	5095

TITLE OF INVENTION: SUPERCONDUCTING MG-MGB2 AND RELATED METAL COMPOSITES AND METHODS OF PREPARATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	10/19/2005
EXAMINER		ART UNIT	CLASS-SUBCLASS		
MAI, NGOCLAN THI		1742	505-124000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTG/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Reinhart Boerner VanDeuren

2 \_\_\_\_\_  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

NORTHWESTERN UNIVERSITY

Evanston, IL

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are enclosed:

- Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.  
 Payment by credit card. Form PTO-2038 is attached.  
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 18-0882 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*Rodney DeKruif*

Date October 18, 2005

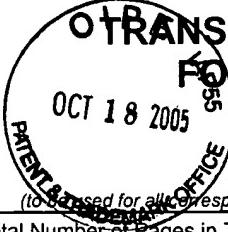
Typed or printed name

Rodney D. DeKruif

Registration No. 35,853

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

 <small>(to be used for all correspondence after initial filing)</small>		Application Number	10/680,639
		Filing Date	10/07/2003
		First Named Inventor	Dunand, David C.
		Art Unit	1742
		Examiner Name	Mai, Ngoclan Thi
Total Number of Pages in This Submission		Attorney Docket Number	6513-DIV

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) <small>(please identify below):</small> Transmittal of Payment of Issue Fee Part B – Fee(s) Transmittal Postcard Rec.	
		<b>Remarks</b>	
		Authorization is hereby given to charge or credit Deposit Account No. 18-0882 for any fee deficiency or overpayment.	
		 Rodney D. DeKruif	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm	Reinhart Boerner Van Deuren s.c.		
Signature			
Printed Name	Rodney D. DeKruif		
Date	October 18, 2005	Reg. No.	35,853

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature			
Typed or printed name	Rodney D. DeKruif	Date	October 18, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL for FY 2005

Applicant claims small entity status. See 37 CFR 1.27

		Complete If Known	
Application Number	10/680,639		
Filing Date	10/07/2003		
First Named Inventor	Dunand, David C.		
Examiner Name	Mai, Ngoc Lan Thi		
Art Unit	1742		
Attorney Docket No.	6513-DIV		

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify) : \_\_\_\_\_

Deposit Account Deposit Account Number: 18-0882 Deposit Account Name: Reinhart Boerner Van Deuren s.c.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Charge fee(s) indicated below                | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee   |
| <input type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) | <input checked="" type="checkbox"/> Credit any overpayments; charge any discrepancy |

Under 37 CFR 1.16 and 1.17, except for the issue fee

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity	Fee(\$)	Small Entity	Fee(\$)	Small Entity	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

### 2. EXCESS CLAIM FEES

#### Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee(\$)	Fee Paid (\$)	Small Entity
			Fee (\$)	Fee (\$)
-20 or HP=	x	=	—	50 25
HP = highest number of total claims paid for, if greater than 20.			200 100	
			360 180	
Multiple Dependent Claims			Fee (\$)	Fee Paid (\$)

Total Claims	Extra Claims	Fee(\$)	Fee Paid (\$)	Small Entity
			Fee (\$)	Fee (\$)
- 20 or HP=	x	=	—	50 25
HP = highest number of total claims paid for, if greater than 20.			200 100	
			360 180	
Multiple Dependent Claims			Fee (\$)	Fee Paid (\$)

Indep. Claims	Extra Claims	Fee(\$)	Fee Paid (\$)	Small Entity
			Fee (\$)	Fee (\$)
- 3 or HP=	x	=	—	—
HP = highest number of independent claims paid for, if greater than 3.			—	
			—	

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
			=	
- 100 =	/ 50 =	(round up to a whole number) x		

### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : Issue and Publication Fees \$ 1000.00

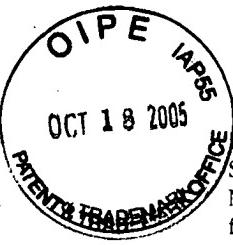
## SUBMITTED BY

Signature	<i>Rodney D. DeKruif</i>	Registration No. (Attorney/Agent)	35,853	Telephone	414-298-8360
Name (Print/Type)	Rodney D. DeKruif			Date	October 18, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Reinhart Boerner Van Deuren s.c.

By: Rodney DeKruif  
Rodney D. DeKruif

Date: October 18, 2005

## PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GROUP ART UNIT: 1742

EXAMINER: Ngoclan Thi Mai

In re application of:	)	
David C. Dunand	)	
	)	
Application No: 10/680,639	)	
	)	For: SUPERCONDUCTING
Filed: 10/07/2003	)	Mg-MgB <sub>2</sub> AND RELATED
	)	METAL COMPOSITES AND
Confirmation No.: 5095	)	METHODS OF PREPARATION
Attorney Docket No. 6513-DIV	)	
	)	
Customer No. 22922	)	

MAIL STOP ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 18, 2005

### TRANSMITTAL OF PAYMENT OF ISSUE FEE (37 CFR 1.311)

1. Applicant hereby pays the issue fee for the attached Issue Fee Transmittal PTOL-85.
2. Fee (37 CFR 1.18(a) and (b))

Application status is:	<u>Regular</u>	<u>Design</u>
<input checked="" type="checkbox"/> small business entity- fee	[x] \$700.00	[ ] \$400.00
<input type="checkbox"/> other than a small entity - fee	[ ] \$1,400.00	[ ] \$800.00

publication fee       \$300.00

### **3. Payment of fee**

- Enclosed please find a check in the sum of \$  
[x] Charge Account 18-0882 for any fee deficiency.  
 Charge Account 18-0882 the sum of \$1000.00.  
A duplicate of this request is attached.

**NOTE:** The PTO has established a special box designator for issue fees, the orders for advance copies and the fees associated with these services. To take advantage of this new service, the envelope should be addressed to: Box Issue Fees, Commissioner of Patents and Trademarks, Washington, D.C. 20231.  
Notice of March 7, 1988, 1088 O.G. 102.

Reg. No.: NO. 35,853  
Tel. No.: (414) 298-8360

*Rodney D. DeKruif*  
Rodney D. DeKruif  
Reinhart Boerner Van Deuren s.c.  
Attn: Linda Gabriel, Docket Clerk  
1000 N. Water Street, Suite 2100  
Milwaukee, WI 53202